

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

This declaration is of the following type:

- original
- divisional
- continuation
- continuation-in-part

INVENTORSHIP IDENTIFICATION

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

"PLASMA PROCESSES FOR DEPOSITING LOW DIELECTRIC CONSTANT FILMS"

SPECIFICATION IDENTIFICATION

The specification of which:

- is attached hereto
- was filed on February 10, 1999, under Serial No. 09/247,381, executed on even date herewith; or
- Express Mail No.(as Serial No. not yet known)
and was amended on _____ (if applicable)
- was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56,

and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

- In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America or of any United States Provisional Application(s) listed below, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

No such applications have been filed.

Such applications have been filed as follows:

- A. Prior foreign/PCT/provisional application(s) filed within 12 mos. (6 mos. for design) prior to this application, and any priority claims under 35 U.S.C. §119

<u>Country/PCT</u>	<u>Application No</u>	<u>Date Filed</u>	<u>Priority Claimed</u>
			[] Yes [] No
			[] Yes [] No
			[] Yes [] No

- B. All foreign application(s), if any, filed more than 12 mos. (6 mos for design) prior to this U.S. application

Country:

Application No:

Filing date:

PRIORITY CLAIM (35 U.S.C. §120)

I hereby claim the benefit under Title 35, United States Code, §120, of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information that is material to the examination of this application (namely, information where there is substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

No such applications have been filed

Such applications have been filed, as follows:

<u>Serial No.</u>	<u>Filing Date</u>	<u>Patented</u>	<u>Pending</u>	<u>Status</u>	<u>Abandoned</u>
09/162,915	September 29, 1998		X		
09/021,788	February 11, 1998		X		
09/114,682	July 13, 1998		X		
09/189,555	November 11, 1998		X		

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Peter J. Sgarbossa	Registration No. 25,610
Donald Verplancken	Registration No. 33,217
Lawrence Edelman	Registration No. 25,226
Michael-B. Einschlag	Registration No. 29,301
Joseph Bach	Registration No. 37,771
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Keith M. Tackett	Registration No. 32,008
B. Todd Patterson	Registration No. 37,906

Send correspondence to: **Direct telephone calls to:**

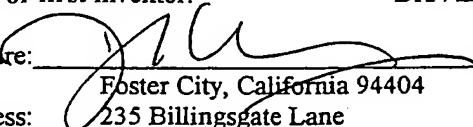
Patent Counsel, MS/2061
Legal Affairs Dept.
Applied Materials, Inc.
3050 Bowers Avenue
Santa Clara, CA 95054.

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor:

DAVID CHEUNG

Inventor's signature: 

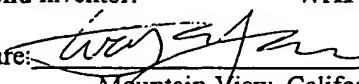
Date: 4/8/99

Residence: Foster City, California 94404
Post Office Address: 235 Billingsgate Lane
Foster City, California 94404
U.S.A.

Country of Citizenship: USA

Full name of second inventor:

WAI-FAN YAU

Inventor's signature: 

Date: 4/8/97

Residence: Mountain View, California
Post Office Address: 1568 Gretel Lane
Mountain View, California
U.S.A.

Country of Citizenship: USA

Full name of third inventor:

ROBERT P. MANDAL

Inventor's signature:

Robert P. Mandal

Date: April 7, 1999

Residence:

Saratoga, California 95070

Post Office Address:

12472 Arroyo de Arguello
Saratoga, California 95070

U.S.A.

Country of Citizenship: USA

Full name of fourth inventor:

SHIN-PUU JENG

Inventor's signature:

Date:

Residence:

Cupertino, California 95014

Post Office Address:

20804 Dunbar Drive
Cupertino, California 95014

U.S.A.

Country of Citizenship: USA

Full name of fifth inventor:

KUO-WEI LIU

Inventor's signature:

Date:

Residence:

Campbell, California 95008

Post Office Address:

163 N. San Tomas Aquino Rd.
Campbell, California 95008

U.S.A.

Country of Citizenship: USA

Full name of sixth inventor:

YUNG-CHENG LU

Inventor's signature:

Date:

Residence:

San Jose, California 95117

Post Office Address:

3671 Greenlee Drive #3
San Jose, California 95117

U.S.A.

Country of Citizenship: TAIWAN

Full name of seventh inventor:

MICHAEL BARNES

Inventor's signature:

Date:

Residence:

San Ramon, California 94583

Post Office Address:

409 Pine Ridge Drive
San Ramon, California 94583

U.S.A.

Country of Citizenship: USA

Full name of eighth inventor:

RALF B. WILLECKE

Inventor's signature:

Date:

Residence:

Santa Clara, California

Post Office Address:

2250 Monroe St. #336
Santa Clara, California 95050

U.S.A.

Country of Citizenship: Germany

Full name of ninth inventor: **FARHAD MOGHADAM**
Inventor's signature: Farahad moghadam Date: 4/7/99
Residence: Los Gatos, California 95030-1653
Post Office Address: 276 Old Adobe Road
Los Gatos, California 95030-1653
U.S.A. Country of Citizenship: USA

Full name of tenth inventor: **TETSUYA ISHIKAWA**
Inventor's signature: Tetsuya Ishikawa Date: 4/8/99
Residence: Santa Clara, California 95050
Post Office Address: 873 Blossom Drive
Santa Clara, California 95050
U.S.A. Country of Citizenship: JAPAN

Full name of eleventh inventor: **TZE WING POON**
Inventor's signature: Tze Wing Poon Date: 4/12/99
Residence: San Francisco, California 94147
Post Office Address: 1267 Lakeside Drive #2077
San Francisco, California 94147
U.S.A. Country of Citizenship: United Kingdom

(Declaration ends with this page)

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Country:

Application No:

Filing date:

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X
November 11, 1998
X

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Michael B. Einschlag	Registration No. 29,301
Joseph Bach	Registration No. 37,771
Raymond Kam-On Kwong	Registration No. 37,165
James C. Wilson	Registration No. 35,412
Robert W. Mulcahy	Registration No. 25,436
Keith M. Tackett	Registration No. 32,008
B. Todd Patterson	Registration No. 37,906

Send correspondence to: **Direct telephone calls to:**

Patent Counsel, MS/2061	B. Todd Patterson
Legal Affairs Dept.	(713) 623-4844
Applied Materials, Inc.	
3050 Bowers Avenue	
Santa Clara, CA 95054.	

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or first inventor: **DAVID CHEUNG**

Inventor's signature: _____ Date: _____
Residence: Foster City, California 94404
Post Office Address: 235 Billingsgate Lane
Foster City, California 94404
U.S.A. Country of Citizenship: USA

Full name of second inventor: **WAI-FAN YAU**

Inventor's signature: _____ Date: _____
Residence: Mountain View, California
Post Office Address: 1568 Gretel Lane
Mountain View, California
U.S.A. Country of Citizenship: USA

Full name of third inventor: **ROBERT P. MANDAL**

Inventor's signature: _____ Date: _____
Residence: Saratoga, California 95070
Post Office Address: 12472 Arroyo de Arguello
Saratoga, California 95070
U.S.A. Country of Citizenship: USA

Full name of fourth inventor: **SHIN-PUU JENG**

Inventor's signature: S L - Y Date: 4/6/99
Residence: Hsinchu, Taiwan
Post Office Address: 68 Min-Jyh St
Hsinchu, Taiwan
Country of Citizenship: USA

Full name of fifth inventor: **KUO-WEI LIU**

Inventor's signature: _____ Date: _____
Residence: Campbell, California 95008
Post Office Address: 163 N. San Tomas Aquino Rd.
Campbell, California 95008
U.S.A. Country of Citizenship: USA

Full name of sixth inventor: **YUNG-CHENG LU**

Inventor's signature: _____ Date: _____
Residence: San Jose, California 95117
Post Office Address: 3671 Greenlee Drive #3
San Jose, California 95117
U.S.A. Country of Citizenship: TAIWAN

Full name of seventh inventor: **MICHAEL BARNES**

Inventor's signature: _____ Date: _____
Residence: San Ramon, California 94583
Post Office Address: 409 Pine Ridge Drive
San Ramon, California 94583
U.S.A. Country of Citizenship: USA

Full name of eighth inventor: **RALF B. WILLECKE**

Inventor's signature: _____ Date: _____
Residence: Santa Clara, California
Post Office Address: 2250 Monroe St. #336
Santa Clara, California 95050
U.S.A. Country of Citizenship: Germany

Full name of ninth inventor: **FARHAD MOGHADAM**

Inventor's signature: _____ Date: _____
Residence: Los Gatos, California 95030-1653
Post Office Address: 276 Old Adobe Road
Los Gatos, California 95030-1653
U.S.A. Country of Citizenship: USA

Full name of tenth inventor: **TETSUYA ISHIKAWA**

Inventor's signature: _____ Date: _____
Residence: Santa Clara, California 95050
Post Office Address: 873 Blossom Drive
Santa Clara, California 95050
U.S.A. Country of Citizenship: JAPAN

Full name of eleventh inventor: **TZE WING POON**

Inventor's signature: _____ Date: _____
Residence: San Francisco, California 94147
Post Office Address: 1267 Lakeside Drive #2077
San Francisco, California 94147
U.S.A. Country of Citizenship: United Kingdom

(Declaration ends with this page)